

Maria Elena Rodriguez-cabezas

List of Publications by Year in descending order

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69
papers

3,564
citations

101384

36
h-index

138251

58
g-index

70
all docs

70
docs citations

70
times ranked

5482
citing authors

#	ARTICLE	IF	CITATIONS
1	The intestinal anti-inflammatory effect of quercitrin is associated with an inhibition in iNOS expression. <i>British Journal of Pharmacology</i> , 2004, 143, 908-918.	2.7	213
2	Effects of dietary fiber on inflammatory bowel disease. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 601-608.	1.5	195
3	Flavonoids in Inflammatory Bowel Disease: A Review. <i>Nutrients</i> , 2016, 8, 211.	1.7	179
4	Dietary Olive Oil Supplemented with Fish Oil, Rich in EPA and DHA (n-3) Polyunsaturated Fatty Acids, Attenuates Colonic Inflammation in Rats with DSS-Induced Colitis. <i>Journal of Nutrition</i> , 2005, 135, 687-694.	1.3	168
5	Differential intestinal anti-inflammatory effects of <i>Lactobacillus fermentum</i> and <i>Lactobacillus salivarius</i> in DSS mouse colitis: impact on microRNAs expression and microbiota composition. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700144.	1.5	135
6	Intestinal anti-inflammatory activity of morin on chronic experimental colitis in the rat. <i>Alimentary Pharmacology and Therapeutics</i> , 2001, 15, 2027-2039.	1.9	132
7	The probiotic <i>Lactobacillus coryniformis</i> CECT5711 reduces the vascular pro-oxidant and pro-inflammatory status in obese mice. <i>Clinical Science</i> , 2014, 127, 33-45.	1.8	109
8	The combination of fructooligosaccharides and resistant starch shows prebiotic additive effects in rats. <i>Clinical Nutrition</i> , 2010, 29, 832-839.	2.3	108
9	Dietary Fiber Down-Regulates Colonic Tumor Necrosis Factor α and Nitric Oxide Production in Trinitrobenzenesulfonic Acid-Induced Colitic Rats. <i>Journal of Nutrition</i> , 2002, 132, 3263-3271.	1.3	105
10	Intestinal anti-inflammatory effect of the probiotic <i>Saccharomyces boulardii</i> in DSS-induced colitis in mice: Impact on microRNAs expression and gut microbiota composition. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 129-139.	1.9	98
11	Butyrate in vitro immune-modulatory effects might be mediated through a proliferation-related induction of apoptosis. <i>Immunobiology</i> , 2010, 215, 863-873.	0.8	96
12	Intestinal anti-inflammatory activity of dietary fiber (<i>Plantago ovata</i> seeds) in HLA-B27 transgenic rats. <i>Clinical Nutrition</i> , 2003, 22, 463-471.	2.3	93
13	Preventative Effects of Lactulose in the Trinitrobenzenesulphonic Acid Model of Rat Colitis. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 265-271.	0.9	90
14	The Immunomodulatory Properties of Extracellular Vesicles Derived from Probiotics: A Novel Approach for the Management of Gastrointestinal Diseases. <i>Nutrients</i> , 2019, 11, 1038.	1.7	83
15	The Administration of <i>Escherichia coli</i> Nissle 1917 Ameliorates Development of DSS-Induced Colitis in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 468.	1.6	68
16	Pea (<i>Pisum sativum</i> L.) seed albumin extracts show anti-inflammatory effect in the DSS model of mouse colitis. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 807-819.	1.5	66
17	Anti-inflammatory activity of hydroalcoholic extracts of <i>Lavandula dentata</i> L. and <i>Lavandula stoechas</i> L.. <i>Journal of Ethnopharmacology</i> , 2016, 190, 142-158.	2.0	64
18	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. <i>International Journal of Nanomedicine</i> , 2014, 9, 4507.	3.3	62

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19	Persistent antigenic stimulation alters the transcription program in T _H 17 cells, resulting in antigen-specific tolerance. <i>European Journal of Immunology</i> , 2006, 36, 1374-1385.	1.6	61
20	A probiotic strain of <i>Escherichia coli</i> , Nissle 1917, given orally exerts local and systemic anti-inflammatory effects in lipopolysaccharide-induced sepsis in mice. <i>British Journal of Pharmacology</i> , 2009, 157, 1024-1033.	2.7	60
21	The metabolic and vascular protective effects of olive (<i>Olea europaea</i> L.) leaf extract in diet-induced obesity in mice are related to the amelioration of gut microbiota dysbiosis and to its immunomodulatory properties. <i>Pharmacological Research</i> , 2019, 150, 104487.	3.1	59
22	The association of minocycline and the probiotic <i>Escherichia coli</i> Nissle 1917 results in an additive beneficial effect in a DSS model of reactivated colitis in mice. <i>Biochemical Pharmacology</i> , 2011, 82, 1891-1900.	2.0	56
23	Intestinal anti-inflammatory effects of <i>Passiflora edulis</i> peel in the dextran sodium sulphate model of mouse colitis. <i>Journal of Functional Foods</i> , 2016, 26, 565-576.	1.6	55
24	Antiinflammatory and immunomodulatory activity of an ethanolic extract from the stem bark of <i>Terminalia catappa</i> L. (Combretaceae): In vitro and in vivo evidences. <i>Journal of Ethnopharmacology</i> , 2016, 192, 309-319.	2.0	53
25	The intestinal anti-inflammatory effect of minocycline in experimental colitis involves both its immunomodulatory and antimicrobial properties. <i>Pharmacological Research</i> , 2011, 63, 308-319.	3.1	49
26	Immunomodulatory properties of <i>Olea europaea</i> leaf extract in intestinal inflammation. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601066.	1.5	48
27	Botanical Drugs as an Emerging Strategy in Inflammatory Bowel Disease: A Review. <i>Mediators of Inflammation</i> , 2015, 2015, 1-14.	1.4	47
28	Di-fructose Dianhydride-Enriched Caramels: Effect on Colon Microbiota, Inflammation, and Tissue Damage in Trinitrobenzenesulfonic Acid-Induced Colitic Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6476-6484.	2.4	46
29	Intestinal anti-inflammatory activity of the <i>Serpylli herba</i> extract in experimental models of rodent colitis. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 775-788.	0.6	44
30	The Importance of the Microbiome in Critically Ill Patients: Role of Nutrition. <i>Nutrients</i> , 2019, 11, 3002.	1.7	43
31	<i>Lactobacillus fermentum</i> CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis. <i>Pharmacological Research</i> , 2021, 167, 105471.	3.1	43
32	Can a Conversation Between Mesenchymal Stromal Cells and Macrophages Solve the Crisis in the Inflamed Intestine?. <i>Frontiers in Pharmacology</i> , 2018, 9, 179.	1.6	42
33	Evaluation of the preventative effects exerted by <i>Lactobacillus fermentum</i> in an experimental model of septic shock induced in mice. <i>British Journal of Nutrition</i> , 2009, 101, 51-58.	1.2	41
34	Intestinal anti-inflammatory activity of hydroalcoholic extracts of <i>Phlomis purpurea</i> L. and <i>Phlomis lychnitis</i> L. in the trinitrobenzenesulphonic acid model of rat colitis.. <i>Journal of Ethnopharmacology</i> , 2013, 146, 750-759.	2.0	41
35	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5945-5958.	3.3	40
36	The Immunomodulatory Properties of Propylpropane Thiosulfonate Contribute to its Intestinal Anti-inflammatory Effect in Experimental Colitis. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800653.	1.5	40

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37	Intestinal Anti-inflammatory Effects of Oligosaccharides Derived from Lactulose in the Trinitrobenzenesulfonic Acid Model of Rat Colitis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4285-4297.	2.4	39
38	Preclinical studies of toxicity and safety of the AS-48 bacteriocin. <i>Journal of Advanced Research</i> , 2019, 20, 129-139.	4.4	39
39	Bacteria-Carried Iron Oxide Nanoparticles for Treatment of Anemia. <i>Bioconjugate Chemistry</i> , 2018, 29, 1785-1791.	1.8	36
40	Silk fibroin nanoparticles enhance quercetin immunomodulatory properties in DSS-induced mouse colitis. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120935.	2.6	33
41	Intestinal anti-inflammatory effects of total alkaloid extract from <i>Fumaria capreolata</i> in the DNBS model of mice colitis and intestinal epithelial CMT93 cells. <i>Phytomedicine</i> , 2016, 23, 901-913.	2.3	32
42	The intestinal anti-inflammatory effect of darsalazine sodium is related to a downregulation in IL-17 production in experimental models of rodent colitis. <i>British Journal of Pharmacology</i> , 2012, 165, 729-740.	2.7	31
43	The prebiotic properties of <i>Hibiscus sabdariffa</i> extract contribute to the beneficial effects in diet-induced obesity in mice. <i>Food Research International</i> , 2020, 127, 108722.	2.9	30
44	The Intestinal Anti-inflammatory Activity of UR-12746S on Reactivated Experimental Colitis Is Mediated Through Downregulation of Cytokine Production. <i>Inflammatory Bowel Diseases</i> , 2003, 9, 363-371.	0.9	28
45	Dietary Vitamin E Supplementation Protects the Rat Large Intestine from Experimental Inflammation. <i>International Journal for Vitamin and Nutrition Research</i> , 2001, 71, 243-250.	0.6	27
46	Effect of aqueous and particulate silk fibroin in a rat model of experimental colitis. <i>International Journal of Pharmaceutics</i> , 2016, 511, 1-9.	2.6	26
47	Intestinal anti-inflammatory effects of goat whey on DNBS-induced colitis in mice. <i>PLoS ONE</i> , 2017, 12, e0185382.	1.1	25
48	The immunomodulatory properties of viable <i>Lactobacillus salivarius</i> ssp. <i>salivarius</i> CECT5713 are not restricted to the large intestine. <i>European Journal of Nutrition</i> , 2012, 51, 365-374.	1.8	24
49	The viability of <i>Lactobacillus fermentum</i> CECT5716 is not essential to exert intestinal anti-inflammatory properties. <i>Food and Function</i> , 2015, 6, 1176-1184.	2.1	24
50	A new therapeutic association to manage relapsing experimental colitis: Doxycycline plus <i>Saccharomyces boulardii</i> . <i>Pharmacological Research</i> , 2015, 97, 48-63.	3.1	23
51	Anti-Inflammatory and Chemopreventive Effects of <i>Bryophyllum pinnatum</i> (Lamarck) Leaf Extract in Experimental Colitis Models in Rodents. <i>Frontiers in Pharmacology</i> , 2020, 11, 998.	1.6	22
52	Intestinal anti-inflammatory activity of calcium pyruvate in the TNBS model of rat colitis: Comparison with ethyl pyruvate. <i>Biochemical Pharmacology</i> , 2016, 103, 53-63.	2.0	21
53	The Beneficial Effects of <i>Lippia Citriodora</i> Extract on Diet-Induced Obesity in Mice Are Associated with Modulation in the Gut Microbiota Composition. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000005.	1.5	19
54	Effect of kale and papaya supplementation in colitis induced by trinitrobenzenesulfonic acid in the rat. <i>European E-journal of Clinical Nutrition and Metabolism</i> , 2010, 5, e111-e116.	0.4	18

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55	Intestinal anti-inflammatory effects of probiotics in DNBS-colitis via modulation of gut microbiota and microRNAs. <i>European Journal of Nutrition</i> , 2021, 60, 2537-2551.	1.8	18
56	Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO) Attenuates Metabolic Alterations in Mice Fed a High-Fat Diet through Its Anti-Inflammatory and Prebiotic Properties. <i>Nutrients</i> , 2021, 13, 2595.	1.7	17
57	Intestinal anti-inflammatory activity of the polyphenolic-enriched extract Amanda® in the trinitrobenzenesulphonic acid model of rat colitis. <i>Journal of Functional Foods</i> , 2014, 11, 449-459.	1.6	15
58	High-Throughput Screening Platform for the Discovery of New Immunomodulator Molecules from Natural Product Extract Libraries. <i>Journal of Biomolecular Screening</i> , 2016, 21, 567-578.	2.6	15
59	Antinociceptive and Anti-Inflammatory Effects of Total Alkaloid Extract from <i>Fumaria capreolata</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7.	0.5	11
60	The Beneficial Effects of Red Sun-Dried <i>Capsicum annum</i> L. Cv Senise Extract with Antioxidant Properties in Experimental Obesity are Associated with Modulation of the Intestinal Microbiota. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000812.	1.5	10
61	<i>Limosilactobacillus fermentum</i> CECT5716: Mechanisms and Therapeutic Insights. <i>Nutrients</i> , 2021, 13, 1016.	1.7	10
62	Intestinal mesenchymal cells regulate immune responses and promote epithelial regeneration in vitro and in dextran sulfate sodium-induced experimental colitis in mice. <i>Acta Physiologica</i> , 2021, 233, e13699.	1.8	9
63	Calcium Pyruvate Exerts Beneficial Effects in an Experimental Model of Irritable Bowel Disease Induced by DCA in Rats. <i>Nutrients</i> , 2019, 11, 140.	1.7	8
64	The Antioxidant Activity of <i>Thymus serpyllum</i> Extract Protects against the Inflammatory State and Modulates Gut Dysbiosis in Diet-Induced Obesity in Mice. <i>Antioxidants</i> , 2022, 11, 1073.	2.2	8
65	Exploring the Role of CYP3A4 Mediated Drug Metabolism in the Pharmacological Modulation of Nitric Oxide Production. <i>Frontiers in Pharmacology</i> , 2017, 8, 202.	1.6	4
66	Intestinal anti-inflammatory activity of the total alkaloid fraction from <i>Fumaria capreolata</i> in the DSS model of colitis in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127414.	1.0	4
67	Probiotic and Functional Properties of <i>Limosilactobacillus reuteri</i> INIA P572. <i>Nutrients</i> , 2021, 13, 1860.	1.7	3
68	Metabolomic analysis of <i>Lavandula dentata</i> L. and <i>Lavandula stoechas</i> L. extracts by LC-QTOF/MS experiments and multivariate analysis techniques as a chemotaxonomical tool. <i>Plant Biosystems</i> , 2020, 154, 231-240.	0.8	2
69	Intestinal Anti-inflammatory Activity of Dietary Olive Oil. , 2010, , 1049-1055.		1